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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
ATTY. DOCKET NO. 71493-1043

Patent Application of Nortel Networks Limited

Serial No. 10/038883

Group Art Unit: 2661

Filed: January 8, 2002

Examiner:

For: SCATTERED PILOT PATTERN AND CHANNEL ESTIMATION METHOD FOR  
MIMO-OFDM SYSTEMS

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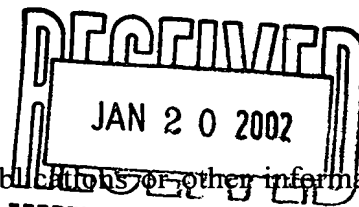
**INFORMATION DISCLOSURE STATEMENT**

This Information Disclosure Statement is being filed in the manner prescribed by 37 CFR 1.97(b) - (d) to satisfy the duty under 37 CFR 1.56 to disclose to the Office information, known to individuals associated with the filing and prosecution of the subject application, which is material to the examination of the application.

In accordance with 37 CFR 1.97(g) and (h), this statement is not to be construed as a representation that a search has been made or an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 CFR 1.56(b).

In accordance with 37 CFR 1.97(e), I hereby certify that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.

In compliance with 37 CFR 1.98(a)(1), a list of all patents, publications or other information submitted for consideration by the Office is hereby provided by way of the attached Form PTO 1449.



In compliance with 37 CFR 1.98(a)(2), also enclosed is a legible copy of:

- i) each United States and foreign patent;
- ii) each publication or that portion which caused it to be listed; and
- iii) all other information or that portion which caused it to be listed, excluding any copies of a United States patent application.

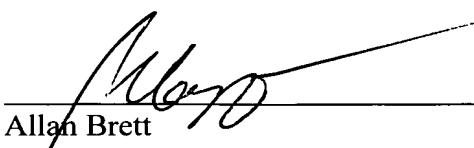
It is respectfully requested that the information be expressly considered by the Examiner and that the references be made of record and appear among the "References Cited" on any patent to issue therefrom.

The Patent Office is hereby authorized to charge any deficiency, or credit any overpayment in fees to Deposit Account Number 19-2550.

Respectfully submitted,

NORTEL NETWORKS LIMITED

Dated: February 12, 2003

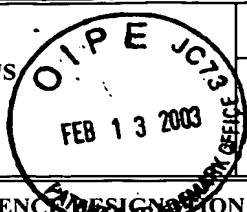
  
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Encls.: Form PTO-1449  
All references listed on Form PTO-1449  
PCT Search Report  
Acknowledgement Card

Form PTO-1449 (Modified)	Atty. Docket No. 71493-1043	Serial No. 10/038883
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	Applicant NORTEL NETWORKS LIMITED	
	Filing Date January 8, 2002	Group 2661



**REFERENCE DESIGNATION U.S. PATENT DOCUMENTS**

EXAM. INIT.		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROPRIATE
	AA	6	2	9	8	0	3	5	2.10.01	Heiskala	370	206	

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**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
													YES	NO

**OTHER ART (including Author, Title, Date, Pertinent Pages, Etc.)**

	AB		Fernández-Getino García, M <sup>a</sup> Julia et al; EFFICIENT PILOT PATTERNS FOR CHANNEL ESTIMATION IN OFDM SYSTEMS OVER HF CHANNELS; pp. 2193-2197.
	AC		Jones, V.K.; Raleigh, Gregory G.; CHANNEL ESTIMATION FOR WIRELESS OFDM SYSTEMS; pp. 980-985.

<b>EXAMINER</b>	<b>DATE CONSIDERED</b>
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.